Technical sheet :



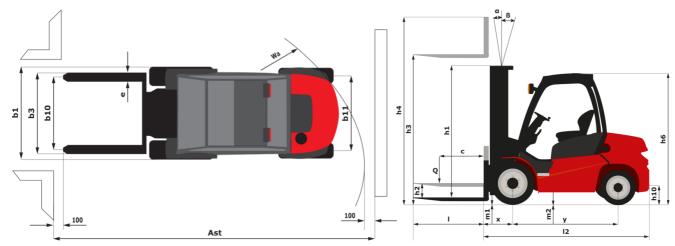




	Technical characteristics	
I	Manufacturer	
2	Model Name	
	Power source	
	Operator type	
5	Max. capacity	
	Load center of gravity	
	Load distance, centre of drive axle to fork	
	Wheelbase	
	Weight	
	Service weight	
	Weight on front axle (laden) / rear axle (laden)	
	Weight on front axle (Unladen) / rear axle (Unladen)	
	Wheels	
	Tires type	
	Dimensions of front wheels	
	Dimensions of rear wheels	
	Number of front wheels / rear wheels	
2	Number of drive wheels	
	Front wheel gauge	
	Rear wheel gauge	
	Dimensions	
	Height of overhead guard (cabin)	
	Seat height/stand height	
	Overall length	
)	Length to face of forks	
	Overall width	
	Forks section / width / length	
	Fork carriage ISO 2328 (class/form) A/B	
	Fork carriage width	
	Ground clearance below mast	
	Ground clearance at centre of wheelbase	
	Aisle Width for pallets 1000 x 1200 crossways	
	Turning radius	
	Performances	
	Travel speed (laden / unladen)	
	Lifting speed (laden / unladen)	
	Lowering speed (laden / unladen)	
	Drawbar pull (Laden / Unladen)	
	Gradeability (laden / unladen) Service brake	
	Engine Engine brand / model	
	Engine brand / model	
	Engine power according to ISO 1585	
	Rated speed	
	Number of cylinders / Capacity of cylinders	
	Miscellaneous	
	Type of drive control	
	Working hydraulic pressure for attachments	
	Oil flow rate for attachments	
	Measured/guaranteed mean noise level at the ear of the operator	
	Sound level at the driver's ear according to DIN 12 053	

MSI-X 35	Created on 6 May 2024 at 1:09:07 PM UTC
	Metric
	Manitou
	MSI-X_35
	Diesel
	Seated
Q	3500 kg
С	500 mm
х	631 mm
у	1900 mm
	4645 kg
	7260 kg / 885 kg
	1680 kg / 2965 kg
	Pneumatic
	300-15/18 6T P43
	7.00-12/12 ED PLUS
	2/2
	2
b10	1044 mm
b11	1108 mm
h 6	2095 mm
h6	972 mm
h7 1	4239 mm
12	4239 mm
b1	1330 mm
s/e/l	50 mm x 122 mm x 1150 mm
0,0,1	3A
b3	1260 mm
m1	260 mm
m2	238 mm
Ast	4661 mm
Wa	2680 m
	18 km/h-22 km/h
	0.50 m/s-0.50 m/s
	0.50 m/s-0.30 m/s
	2070 daN / 1380 daN
	26 % / 31 %
	Hydraulic brakes by loss of pressure
	Kubota / V2403
	36 kW
	2700 rpm
	4 - 2434 cm³
	Out!!
	Cable
	180 bar
	45 l/min < 80 dB
	< 80 dB
	ov ub

MSI-X 35 - Dimensional drawing



Characteristics of masts and residual capacities

Full Visibility Duplex (FVD)		FVD 30	FVD 33	FVD 37	FVD 40	FVD 45
Mast/fork carriage tilt, forward °		10	10	3500	10	10
Mast/fork carriage tilt, backward	٥	12	12	3500	12	12
h1 - Mast lowered height	mm	2136	2286	2546	2736	2986
h2 - Mast free lift	mm	90	90	90	90	90
h3 - Mast lifting height	mm	3000	3300	3700	4000	4500
h4 - Mast extended height	mm	3738	4038	4438	4738	5238
Residual capacity at max height	kg	3500	3500			
Height at max capacity	mm	3000	3700	3700	2500	2500

Free Lift Triplex (FLT)		FLT 34	FLT 37	FLT 40	FLT 43	FLT 47	FLT 55	FLT 60
Mast/fork carriage tilt, forward	٥	10	10	10	10	10	6	6
Mast/fork carriage tilt, backward	٥	12	12	12	12	12	6	6
h1 - Mast lowered height	mm	1936	2036	2136	2286	2386	2736	2986
h2 - Mast free lift	mm	1208	1308	1408	1558	1658	2008	2258
h3 - Mast lifting height	mm	3400	3700	4000	4300	4700	5500	6000
h4 - Mast extended height	mm	4184	4484	4784	5084	5484	6284	6784
Residual capacity at max height	kg	3500						
Height at max capacity	mm	3400	2500	2500	2500	2500	2500	2500

Full Visibility Triplex (FVT)		FVT 33
Mast/fork carriage tilt, forward	۰	10
Mast/fork carriage tilt, backward	٥	12
h1 - Mast lowered height	mm	1826
h2 - Mast free lift	mm	82
h3 - Mast lifting height	mm	3300
h4 - Mast extended height	mm	4027
Height at max capacity	mm	2500



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